

JAVA.LANG.BOOLEAN CLASS

http://www.tutorialspoint.com/java/lang/java_lang_boolean.htm

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Introduction

The **java.lang.Boolean** class wraps a value of the primitive type boolean in an object. An object of type Boolean contains a single field whose type is boolean.

Class declaration

Following is the declaration for **java.lang.Boolean** class:

```
public final class Boolean
    extends Object
    implements Serializable, Comparable<Boolean>
```

Field

Following are the fields for **java.lang.Boolean** class:

- **static Boolean FALSE** -- This is the Boolean object corresponding to the primitive value false.
- **static Boolean TRUE** -- This is the Boolean object corresponding to the primitive value true.
- **static Class<Boolean> TYPE** -- This is the Class object representing the primitive type boolean.

Class constructors

S.N.	Constructor & Description
1	Boolean(boolean value) This allocates a Boolean object representing the value argument.
2	Boolean(String s) This allocates a Boolean object representing the value true if the string argument is not null and is equal, ignoring case, to the string "true".

Class methods

S.N.	Method & Description
1	<u>boolean booleanValue()</u> This method returns the value of this Boolean object as a boolean primitive.
2	<u>int compareTo(Boolean b)</u> This method compares this Boolean instance with another.
3	<u>boolean equals(Object obj)</u> This method returns true if and only if the argument is not null and is a Boolean object that represents the same boolean value as this object.

4	<u>static boolean getBoolean(String name)</u> This method returns true if and only if the system property named by the argument exists and is equal to the string "true".
5	<u>int hashCode()</u> This method returns a hash code for this Boolean object.
6	<u>static boolean parseBoolean(String s)</u> This method parses the string argument as a boolean.
7	<u>String toString()</u> This method returns a String object representing this Boolean's value.
8	<u>static String toString(boolean b)</u> This method returns a String object representing the specified boolean.
9	<u>static Boolean valueOf(boolean b)</u> This method returns a Boolean instance representing the specified boolean value.
10	<u>static Boolean valueOf(String s)</u> This method returns a Boolean with a value represented by the specified string.

Methods inherited

This class inherits methods from the following classes:

- `java.lang.Object`